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PTO/SB/21 (09-04)

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 10

Application Number	09/909,488
Filing Date	July 20, 2001
First Named Inventor	Harapanahalli S. Muralidhara
Art Unit	1723
Examiner Name	Ana M. Fortuna
Attorney Docket Number	33449.8029.US00

ENCLOSURES (Check all that apply)

- ☐ Fee Transmittal Form
- ☐ Fee Attached
- ☐ Amendment/Reply
 - ☐ After Final
 - ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☐ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Reply to Missing Parts/
Incomplete Application
 - ☐ Reply to Missing Parts
under 37 CFR 1.52 or 1.53

- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a
Provisional Application
- ☒ Power of Attorney, Revocation
Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) _____
- ☐ Landscape Table on CD

- ☐ After Allowance Communication to TC
- ☐ Appeal Communication to Board
of Appeals and Interferences
- ☐ Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☐ Other Enclosure(s) (please identify
below):

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	PERKINS COIE LLP
Signature	
Printed name	Joseph P. Hamilton
Date	January 24, 2006

Reg. No.	51,770
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CERTIFICATE OF TRANSMISSION/MAILING

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Typed or printed name Rena Iov

Date January 24, 2006

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PTO/SB/82 (04-05)

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**REVOCATION OF POWER OF
ATTORNEY WITH
NEW POWER OF ATTORNEY
AND
CHANGE OF CORRESPONDENCE ADDRESS**

Application Number	39/909,488
Filing Date	July 20, 2001
First Named Inventor	Harapanahalli S. Muralidhara
Art Unit	1723
Examiner Name	Ana M. Fortuna
Attorney Docket Number	33449

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint the practitioners associated with the Customer Number:

34055

☒ Please change the correspondence address for the above-identified application to:

☒ The address associated with
Customer Number:

34055

OR

<input checked="" type="checkbox"/> Firm or Individual Name	Michael J. Wise PERKINS COIE LLP		
Address	P.O. Box 1208 Patent - LA		
City	Seattle	State	WA Zip 98111-1208
Country	USA		
Telephone	(310) 788-9900	Email	MWise@perkinscoie.com

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Signature			
Name	Peter M. Reyes, Jr.		
Date	12/08/05	Telephone	(952) 742-5385

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of 3 forms are submitted.

This collection of information is required by 37 CFR 1.38. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/98 (09-04)

Approved for use through 07/31/2008. OMB 0851-0031

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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Harapanahalli S. Muralidhara et al.Application No./Patent No.: 09/909,488 Filed/Issue Date: July 20, 2001Entitled: NANOFILTRATION WATER-SOFTENING APPARATUS AND METHODCARGILL INCORPORATEDa corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Peter M. Reyes, Jr.
Signature

12/08/05

Date

Peter M. Reyes, Jr.

Printed or Typed Name

(952) 742-5395

Telephone Number

Intellectual Property Attorney

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 12, 2006

PTAS

700223995A

MERCHANT & GOULD PC
P.O. BOX 2903
MINNEAPOLIS, MN 55402-0903

* 700223995A*

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RECORDATION DATE: 11/10/2005

REEL/FRAME: 017003/0464
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MURALIDHARA, HARAPANAHALLI S.

DOC DATE: 06/23/2004

ASSIGNOR:

LEE, ROBERT SUNG

DOC DATE: 09/30/2004

ASSIGNOR:

ASCHAUER, MARTIN N.

DOC DATE: 10/01/2004

ASSIGNEE:

CARGIL, INCORPORATED
15407 MCGINTY ROAD WEST
P.O. BOX 5624
MINNEAPOLIS, MINNESOTA 55440-5624



017003/0464 PAGE 2

SERIAL NUMBER: 09909488

PATENT NUMBER:

TITLE: NANOFILTRATION WATER-SOFTENING APPARATUS AND METHOD

FILING DATE: 07/20/2001

ISSUE DATE:

JOANN STEWART, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

1/10/2005
700223995

FORM PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

M&O-12897.10US01

RECORDATION FORM COVER SHEET
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Harapanahalli S. Muralidhara
Robert Sung Lee
Martin N. Aschauer

2. Name and address of receiving party(ies):

Cargill, Incorporated
15407 McGinty Road West
P.O. Box 5624
Minneapolis, Minnesota 55440-5624Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ NoAdditional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date: June 23, 2004, September 30, 2004, October 1, 2004

BEST AVAILABLE COPY

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/909,488

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Tong Wu
Address: Merchant & Gould P.C.
P.O. Box 2903
Minneapolis, MN 55402-0903

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our Deposit account number: 13-2725

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9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Tong Wu

Name of Person Signing

Signature

November 10, 2005

Date

Total number of pages including cover sheet, attachments, and document: 3

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23552

PATENT TRADEMARK OFFICE

ASSIGNMENT

WHEREAS, we, Robert Sung Lee, residing at 39380 Civic Center Drive - #523, Fremont, California 94538, Harapanahalli S. Muralidhara, residing at 2325 Yama Lane North, Plymouth, Minnesota 55447 and Martin N. Aschauer, residing at 3870 Gratiot, Port Huron, Michigan 48060, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on July 20, 2001, application Serial No. 09/909,488, which is entitled NANOFILTRATION WATER-SOFTENING APPARATUS AND METHOD.

AND WHEREAS, Cargill, Incorporated, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 15407 McGinty Road West, P.O. Box 5624, Minneapolis, Minnesota 55440-5624 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;


NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be

necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 30 day of September, 2004.

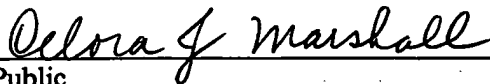


Robert Sung Lee

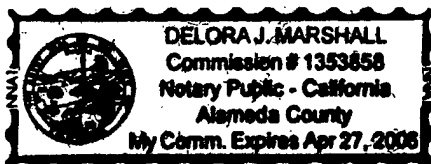
STATE OF California)
) ss.
COUNTY OF Alameda)

On this 30 day of September 2004, before me personally appeared Robert Sung Lee to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]



Notary Public



IN TESTIMONY WHEREOF, I have hereunto set my hand this Oct 1 day of

2004

Harapanahalli S. Muralidhara
Harapanahalli S. Muralidhara

STATE OF Minnesota)
COUNTY OF Hennepin) ss.

On this 1 day of October, 2004, before me personally appeared Harapanahalli S. Muralidhara to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.



Karen F. Ryding
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of

_____, 20____.

Martin N. Aschauer

STATE OF _____)
COUNTY OF _____) ss.

On this _____ day of _____, 20____, before me personally appeared Martin N. Aschauer to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 20__.

Harapanahalli S. Muralidhara

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ day of _____, 20__, before me personally appeared Harapanahalli S. Muralidhara to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 20__.

Martin N. Aschauer

STATE OF Michigan)
) ss.
COUNTY OF St. Clair)

On this 23rd day of June, 2004, before me personally appeared Martin N. Aschauer to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Patricia J. Dubay
Notary Public

PATRICIA J. DUBAY
NOTARY PUBLIC ST. CLAIR CO., MI
MY COMMISSION EXPIRES Mar 18, 2008